

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2789	(381/56,58,60,92,312,328.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/18 13:05
L2	1625	L1 and (@ad<"20022310")	US-PGPUB; USPAT	OR	ON	2007/07/18 13:06
S1	1	"20040136541"	US-PGPUB; USPAT	OR	ON	2007/01/22 13:28
S2	203	(381/60.CCLS.)	US-PGPUB; USPAT	OR	ON	2007/01/22 13:31
S3	124	S2 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/22 15:02
S4	1	("2002/0048374").URPN.	USPAT	OR	ON	2007/01/22 14:11
S5	0	("2001/0050995").URPN.	USPAT	OR	ON	2007/01/22 14:12
S6	3	("2001/0040969").URPN.	USPAT	OR	ON	2007/01/22 14:12
S7	50	("3594514" "3764748" "3870832" "3882285" "3905131" "4505329" "4548082" "4615007" "4628907" "4756312" "4776322" "4817607" "4840178" "4918737" "4957478" "4964304" "5012520" "5015224" "5015225" "5081441" "5163957" "5197332" "5210803" "5220918" "5259032" "5282858" "5303306" "5338287" "5420930" "5425104" "5428998" "5456654" "5531787" "5554096" "5615229" "5624376" "5645074" "5654530" "5682020" "5701348" "5721783" "5833626" "6302438" "6304179" "6366863" "6408081" "6620110" "6643378" "6648813" "6658126").PN. OR ("7016504").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 14:14
S8	9	("20020026091" "20020048374" "5603726" "5833626" "5999856" "6264603" "6277148" "6342035" "6554762").PN. OR ("6997864").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 14:26
S9	509	(381/92.ccls.)	US-PGPUB; USPAT	OR	ON	2007/01/22 14:26
S10	334	S9 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/22 14:26

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S11	48	S10 and (test\$3 and (source\$2 or coordinat\$3 or reference\$1) and (localiz\$3 or location\$1 or originat\$3))	US-PGPUB; USPAT	OR	ON	2007/01/22 14:50
S12	437	(600/559.ccls.)	US-PGPUB; USPAT	OR	ON	2007/01/22 14:49
S13	307	S12 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/22 14:50
S14	124	S13 and (test\$3 and (source\$2 or coordinat\$3 or reference\$1) and (localiz\$3 or location\$1 or originat\$3))	US-PGPUB; USPAT	OR	ON	2007/01/22 14:57
S15	124	S14 and (localiz\$3 or location\$2 or originat\$3)	US-PGPUB; USPAT	OR	ON	2007/01/22 14:58
S16	22	S15 and (transfer\$1 with function\$1)	US-PGPUB; USPAT	OR	ON	2007/01/22 14:59
S17	219	(hear\$3 adj3 (aid\$1 or impair\$3)) and (transfer adj2 function\$2) and (source\$1 or reference\$1) and (localiz\$3 or location\$2) and microphone\$2	US-PGPUB; USPAT	OR	ON	2007/01/22 15:02
S18	146	S17 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/22 15:02
S19	313	(transfer adj2 function\$2) and (hearing adj2 (aid\$2 or impair\$3)) and (location\$2 or localiz\$3 or directi\$5) and (microphone\$2 and sens\$3 or indicat\$3) and (error\$2 or filter\$2)	US-PGPUB; USPAT	OR	ON	2007/01/23 07:18
S20	207	S19 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 08:29
S21	11	"781446"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/01/23 07:39
S22	0	"781446""0781446"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/01/23 07:40
S23	1	"0781446"	US-PGPUB; USPAT	OR	ON	2007/01/23 07:40
S24	7	"2184629"	US-PGPUB; USPAT	OR	ON	2007/01/23 07:41

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S25	121	((error\$1 or correct\$4) with (filter\$2))and (transfer\$2 adj2 function\$2) and (direct\$3 and microphone\$2) and ((auditor\$2 or ear\$3) with (canal\$2))	US-PGPUB; USPAT	OR	ON	2007/01/23 07:52
S26	84	S25 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 08:04
S27	11246	((HRTF or HRIF) or (head\$2 or ear\$3 adj2 (transfer adj2 function\$2))) and (sens\$3 or microphone\$2) and (location\$2 or localiz\$3 or direct\$3) and (filter\$2 same (error\$2 or correcti\$4))	US-PGPUB; USPAT	OR	ON	2007/01/23 08:09
S28	2712	((HRTF or HRIF) or (head\$2 or ear\$3 adj2 (transfer adj2 function\$2))) and (sens\$3 or microphone\$2) and (location\$2 or localiz\$3 or direct\$3) same (filter\$2 same (error\$2 or correcti\$4))	US-PGPUB; USPAT	OR	ON	2007/01/23 08:10
S29	100	((HRTF or HRIF) or (head\$2 or ear\$3 adj2 (transfer adj2 function\$2))) same (location\$2 or localiz\$3 or direct\$3) same (filter\$2 same (error\$2 or correcti\$4))and (microphone\$2)	US-PGPUB; USPAT	OR	ON	2007/01/23 08:10
S30	69	S29 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 08:18
S31	73	(direct\$3 same microphone\$2) same (filter\$2 same (adjust\$3 or correct\$3 or error\$2)) and (head\$3 or ear\$3) and ((adapt\$3 or control\$3 or analyz\$3) with (unit\$2))	US-PGPUB; USPAT	OR	ON	2007/01/23 08:21
S32	45	S31 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 08:26
S33	2123	((auditory or ear\$3) adj2 canal\$2) with (outside or external\$3)) or (BTE) and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/01/23 08:28
S34	1371	S33 and @ad<"20021023".	US-PGPUB; USPAT	OR	ON	2007/01/23 08:29
S35	101	S34 and (transfer\$2 adj2 function\$2) and (filter\$2)	US-PGPUB; USPAT	OR	ON	2007/01/23 08:29
S36	553	((HRTF or IRTF) or (transfer\$2 adj2 function\$2)) and ((hear\$4 or ear\$4) adj2 (aid\$2 or device\$2 or impair\$3)) and (location\$2 or localiz\$3 or direct\$4) and source	US-PGPUB; USPAT	OR	ON	2007/01/23 12:44
S37	379	S36 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 12:44

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S38	509	(381/92.ccls.)	US-PGPUB; USPAT	OR	ON	2007/01/23 13:30
S39	334	S38 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 16:04
S40	158	S39 and (canal\$2 or hear\$3 or ear\$3)	US-PGPUB; USPAT	OR	ON	2007/01/23 13:58
S41	13	S40 and (SSI or (sound\$1 adj1 source\$1 adj1 (localization\$2 or location\$1)))	US-PGPUB; USPAT	OR	ON	2007/01/23 14:20
S42	8	("5095467" "5633935" "5737431" "6097763" "6157403" "6469732" "6487295").PN. OR ("6826284").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 14:07
S43	8	(US-7039193-\$ or US-6487295-\$ or US-6469732-\$ or US-6157403-\$ or US-6097763-\$ or US-5737431-\$ or US-5633935-\$ or US-5095467-\$). did.	USPAT	OR	ON	2007/01/23 14:08
S44	2	S43 and (source adj1 (localization or location\$2))	US-PGPUB; USPAT	OR	ON	2007/01/23 14:17
S45	0	S44 and (hear\$3 ir ear\$1)	US-PGPUB; USPAT	OR	ON	2007/01/23 14:17
S46	20467	(381/313.ccls.) or (381/328.ccls.) or (381/60.ccls.) or (381/92.ccls.) or (73/585.ccls.) or ("181"/\$.ccls.) or ("129"/\$.ccls.) and (source\$1 adj1 (localization\$1 or lcalion\$1)) and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 15:42
S47	2249	S46 and (microphone\$2)	US-PGPUB; USPAT	OR	ON	2007/01/23 14:23
S48	1203	S47 and ((hear\$3 adj2 (aid\$2 or impair\$3 or device\$1)) or (ear\$1))	US-PGPUB; USPAT	OR	ON	2007/01/23 14:29
S49	536	S48 and ((HRTF or HRIR) or (filter\$2))	US-PGPUB; USPAT	OR	ON	2007/01/23 14:28
S50	12	S49 and (source\$1 adj2 localization\$1)	US-PGPUB; USPAT	OR	ON	2007/01/23 14:29
S51	888	S48 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 14:30
S52	83	S51 and (source\$2 with (location\$1 or localization\$1))	US-PGPUB; USPAT	OR	ON	2007/01/23 14:30

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S53	13	(US-20010040969-\$ or US-20010036277-\$ or US-20020048374-\$ or US-20010050995-\$ or US-20020009203-\$).did. or (US-6687377-\$ or US-6167138-\$ or US-5870481-\$ or US-5825894-\$ or US-6954535-\$ or US-7016504-\$ or US-6997864-\$ or US-7027607-\$). did.	US-PGPUB; USPAT	OR	ON	2007/01/23 14:51
S54	17	(US-20040057593-\$ or US-20030228025-\$ or US-20030012391-\$ or US-20030076974-\$ or US-20020129151-\$ or US-20020051548-\$ or US-20020041695-\$ or US-20020001389-\$ or US-20020181720-\$ or US-20010031053-\$).did. or (US-6654468-\$ or US-6826284-\$ or US-6778674-\$ or US-5325436-\$ or US-5239588-\$ or US-4658932-\$ or US-4256922-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/23 14:51
S55	30	S53 or S54	US-PGPUB; USPAT	OR	ON	2007/01/23 14:52
S56	30	S55 and (hear\$3 or ear\$1)	US-PGPUB; USPAT	OR	ON	2007/01/23 14:52
S57	22	S56 and (location\$2 or localizati\$4)	US-PGPUB; USPAT	OR	ON	2007/01/23 14:53
S58	11	("1814357" "4122910" "4421200" "4570742").PN. OR ("4658932"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 15:00
S59	22	("2584896" "2678973" "3098121" "3557775" "3835263" "3844271" "3870832" "3876843" "3928734" "4466117" "4612915" "4633498" "4771454" "4932405").PN. OR ("5239588"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 15:01
S60	16474	(sound\$1 or source\$1) with (location\$2 or localization\$2 or localizati\$4) and (hear\$3 or ear\$1)	US-PGPUB; USPAT	OR	ON	2007/01/23 15:40
S61	580	S46 and S60	US-PGPUB; USPAT	OR	ON	2007/01/23 15:42
S62	471	S61 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 16:00
S63	1	"20040086132"	US-PGPUB; USPAT	OR	ON	2007/01/23 16:04

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S64	204	(381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2007/01/23 16:04
S65	334	S39 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 16:22
S66	125	S64 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 16:04
S67	109	S66 and (localization\$2 or location\$2 or localiz\$3 or environment\$2 or source\$2 or origin\$6)	US-PGPUB; USPAT	OR	ON	2007/01/23 16:22
S68	481	(381/92.ccls.) and (localization\$2 or location\$2 or localiz\$3 or environment\$2 or source\$2 or origin\$6)	US-PGPUB; USPAT	OR	ON	2007/01/23 16:22
S69	321	S68 and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/23 16:25
S70	153	S69 and (hear\$3 or ear\$2 or auditory or canal)	US-PGPUB; USPAT	OR	ON	2007/01/23 16:26
S71	1576	((381/380.ccls.) or (381/313.ccls.) or (381/309.ccls.) or (381/23.1.ccls.) or (381/71.6.ccls.) or (381/328. ccls.) or (381/60.ccls.) or (381/92. ccls.) or (381/17.ccls.)) and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/25 18:05
S72	510	S71 and ((microphone\$2) with ((ear\$1 or hear\$3 or auditory) adj2 (canal\$2)) or (internal\$1 or in\$2) adj2 (ear\$2 or hear\$3))	US-PGPUB; USPAT	OR	ON	2007/01/25 18:02
S73	454	S72 and (microphone\$1)	US-PGPUB; USPAT	OR	ON	2007/01/25 16:15
S74	2	("5627896").PN. OR ("6741707"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/25 16:36
S75	430	S72 and (localization\$1 or localisation\$1 or position\$1 or orientation\$1 or local\$2 or location\$1 or (signal\$1 adj2 source\$1))	US-PGPUB; USPAT	OR	ON	2007/01/25 17:40
S76	29	S75 and (381/92.ccls.)	US-PGPUB; USPAT	OR	ON	2007/01/25 17:16

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S77	13	(US-20020048374-\$ or US-20010036277-\$ or US-20010040969-\$ or US-20010050995-\$ or US-20020009203-\$).did. or (US-5825894-\$ or US-5870481-\$ or US-6167138-\$ or US-6687377-\$ or US-6954535-\$ or US-7016504-\$ or US-6997864-\$ or US-7027607-\$). did.	US-PGPUB; USPAT	OR	ON	2007/01/25 17:33
S78	17	(US-20030076974-\$ or US-20030012391-\$ or US-20020129151-\$ or US-20020051548-\$ or US-20030228025-\$ or US-20020181720-\$ or US-20020041695-\$ or US-20020001389-\$ or US-20010031053-\$ or US-20040057593-\$).did. or (US-5325436-\$ or US-6654468-\$ or US-6826284-\$ or US-6778674-\$ or US-4256922-\$ or US-5239588-\$ or US-4658932-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/25 17:33
S79	9	(US-20020181720-\$ or US-20020041695-\$ or US-20010031053-\$).did. or (US-6987856-\$ or US-6826284-\$ or US-6778674-\$ or US-4256922-\$ or US-5239588-\$ or US-4658932-\$). did.	US-PGPUB; USPAT	OR	ON	2007/01/25 17:33
S80	6	(US-20030147544-\$ or US-20010028720-\$ or US-20010031053-\$).did. or (US-6741707-\$ or US-6647345-\$ or US-5239588-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/25 17:34
S81	35	(S77 or S78 or S79 or S80)	US-PGPUB; USPAT	OR	ON	2007/01/25 17:34
S82	6	S80 and (localization\$1 or localisation\$1 or position\$1 or orientation\$1 or local\$2 or location\$1 or (signal\$1 adj2 source\$1))	US-PGPUB; USPAT	OR	ON	2007/01/25 17:34
S83	31	S81 and (localization\$1 or localisation\$1 or position\$1 or orientation\$1 or local\$2 or location\$1 or (signal\$1 adj2 source\$1))	US-PGPUB; USPAT	OR	ON	2007/01/25 17:34

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S84	21	S83 and ((microphone\$2) with ((ear\$1 or hear\$3 or auditory) adj2 (canal\$2)) or (internal\$1 or in\$2) adj2 (ear\$2 or hear\$3))	US-PGPUB; USPAT	OR	ON	2007/01/25 18:02
S85	8567	(convert\$5 same ((first adj1 (signals)) and (signal\$2)))	US-PGPUB; USPAT	OR	ON	2007/01/25 17:42
S86	32	S85 and ((381/380.ccls.) or (381/313.ccls.) or (381/309.ccls.) or (381/23.1.ccls.) or (381/71.6.ccls.) or (381/328.ccls.) or (381/60.ccls.) or (381/92.ccls.) or (381/17.ccls.)) and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/25 17:40
S87	25	S86 and (localization\$1 or localisation\$1 or position\$1 or orientation\$1 or local\$2 or location\$1 or (signal\$1 adj2 source\$1))	US-PGPUB; USPAT	OR	ON	2007/01/25 18:05
S88	23	S87 and (convert\$5 same ((first adj1 (signals)) and (second adj2 (signal\$2))))	US-PGPUB; USPAT	OR	ON	2007/01/25 17:43
S89	32817	((microphone\$2) with ((ear\$1 or hear\$3 or auditory) adj2 (canal\$2)) or (internal\$1 or in\$2) adj2 (ear\$2 or hear\$3)) and @ad<"200221023"	US-PGPUB; USPAT	OR	ON	2007/01/25 18:03
S90	27320	S89 and (localization\$1 or localisation\$1 or position\$1 or orientation\$1 or local\$2 or location\$1 or (signal\$1 adj2 source\$1))	US-PGPUB; USPAT	OR	ON	2007/01/25 18:05
S91	430	S90 and ((381/380.ccls.) or (381/313.ccls.) or (381/309.ccls.) or (381/23.1.ccls.) or (381/71.6.ccls.) or (381/328.ccls.) or (381/60.ccls.) or (381/92.ccls.) or (381/17.ccls.)) and @ad<"20021023"	US-PGPUB; USPAT	OR	ON	2007/01/25 19:09
S92	32	"5692059"	US-PGPUB; USPAT	OR	ON	2007/01/25 19:10
S93	1	"20040136541"	US-PGPUB; USPAT	OR	ON	2007/01/31 16:59
S94	6	(US-20030147544-\$ or US-20010028720-\$ or US-20010031053-\$).did. or (US-6647345-\$ or US-6741707-\$ or US-5239588-\$).did.	US-PGPUB; USPAT	OR	ON	2007/02/21 16:04
S95	0	Wonyoung-Yang\$.in.	US-PGPUB; USPAT	OR	ON	2007/02/21 16:04
S96	2	Shim-Yoon-Joo\$.in.	US-PGPUB; USPAT	OR	ON	2007/02/21 16:05

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S97	2	("4953112" "5386475").PN. OR ("7068793").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 16:09
S98	23	("3922506" "4065647" "4471171" "4759070" "4809708" "4868880" "4870688" "4879749" "4901353" "4953112" "4992966" "5029217").PN. OR ("5386475").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 16:13
S99	16	Hamacher-Volkmar\$.in.	US-PGPUB; USPAT	OR	ON	2007/02/21 16:25
S100	49	Niederdrank-Torsten\$.in.	US-PGPUB; USPAT	OR	ON	2007/02/21 16:26
S101	1233	(381/312.ccls.) or (381/328.ccls.)	US-PGPUB; USPAT	OR	ON	2007/02/21 16:27
S102	718	S101 and (@ad<"20021023")	US-PGPUB; USPAT	OR	ON	2007/02/21 16:58
S103	31	S102 and (381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2007/02/21 16:54
S104	1	(381/92.ccls.) and (381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2007/02/21 16:58
S105	11	(381/92.ccls.) and (S101)	US-PGPUB; USPAT	OR	ON	2007/02/21 16:58
S106	9	S105 and (@ad<"20021023")	US-PGPUB; USPAT	OR	ON	2007/02/21 17:06
S107	2	"1413421"	US-PGPUB; USPAT	OR	ON	2007/02/21 17:10
S108	4	"1413121"	US-PGPUB; USPAT	OR	ON	2007/02/21 17:10
S109	1075	(381/17.ccls.) or (381/92.ccls.)	US-PGPUB; USPAT	OR	ON	2007/02/22 08:22
S110	701	S109 and (@ad<"20021023")	US-PGPUB; USPAT	OR	ON	2007/02/22 08:22
S111	2	"20030198356"	US-PGPUB; USPAT	OR	ON	2007/02/22 08:05
S112	2	"20020196947"	US-PGPUB; USPAT	OR	ON	2007/02/22 08:06
S113	1	"7016505".pn.	US-PGPUB; USPAT	OR	ON	2007/02/22 08:07
S114	6	S110 and (((BTE) or (behind adj2 ear)) adj2 (hear\$3 adj1 aid\$1)) and (localiz\$6 or location\$1 or directi\$3)	US-PGPUB; USPAT	OR	ON	2007/02/22 08:16
S115	6	S110 and (((BTE) or (behind adj2 ear)) adj2 (hear\$3 adj1 aid\$1))	US-PGPUB; USPAT	OR	ON	2007/02/22 08:12

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S11 6	80	S110 and ((hear\$3 adj1 aid\$1))	US-PGPUB; USPAT	OR	ON	2007/02/22 08:12
S11 7	76	S110 and ((hear\$3 adj1 aid\$1)) and (localiz\$6 or location\$1 or directi\$3)	US-PGPUB; USPAT	OR	ON	2007/02/22 08:16
S11 8	924	(381/17.ccls.) or (381/1.ccls.)	US-PGPUB; USPAT	OR	ON	2007/02/22 08:22
S11 9	613	S118 and (@ad<"20021023")	US-PGPUB; USPAT	OR	ON	2007/02/22 11:46
S12 0	41	S119 and (KEMAR or (localiz\$3 or localization\$1 or direction\$1))same (signal\$1 adj1 source\$1)	US-PGPUB; USPAT	OR	ON	2007/02/22 11:47
S12 1	560	(381/17.ccls.)	US-PGPUB; USPAT	OR	ON	2007/02/22 08:26
S12 2	366	S121 and (@ad<"20021023")	US-PGPUB; USPAT	OR	ON	2007/02/22 08:28
S12 3	209	(381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2007/02/22 08:28
S12 4	126	S123 and (@ad<"20021023")	US-PGPUB; USPAT	OR	ON	2007/02/22 08:28
S12 5	11	("5375174" "5721783" "5757933" "5796820" "5835610" "5852668" "6069963" "6154552" "6539096").PN. OR ("6954535"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/22 08:48
S12 6	1	"20040136541"	US-PGPUB; USPAT	OR	ON	2007/02/22 11:44
S12 7	5802	(pinna or ((ear\$3 or hear\$3 or auditory) adj2 canal\$2))	US-PGPUB; USPAT	OR	ON	2007/02/22 11:46
S12 8	2169	S127 and (filter\$1)	US-PGPUB; USPAT	OR	ON	2007/02/22 11:46
S12 9	1321	S128 and (@ad<"20021023")	US-PGPUB; USPAT	OR	ON	2007/02/22 12:18
S13 0	747	S129 and (KEMAR or (localiz\$3 or localization\$1 or direction\$1))	US-PGPUB; USPAT	OR	ON	2007/02/22 11:48
S13 1	372	S130 and (microphone\$1)	US-PGPUB; USPAT	OR	ON	2007/02/22 12:16
S13 2	16287	((("3"\$1D) or (three adj2 dimension\$3)) and (microphone\$1)	US-PGPUB; USPAT	OR	ON	2007/02/22 12:22
S13 3	9250	S132 and (@ad<"20021023")	US-PGPUB; USPAT	OR	ON	2007/02/22 12:19
S13 4	153	S133 and ((381/17.ccls.) or (381/92. ccls.))	US-PGPUB; USPAT	OR	ON	2007/02/22 12:19
S13 5	46	S134 and (((("3"\$1D) or (three adj2 dimension\$3)) with (microphone\$1))	US-PGPUB; USPAT	OR	ON	2007/02/22 12:23

EAST Search History

S13 6	1	"20040136541"	US-PGPUB; USPAT	OR	ON	2007/02/27 17:16
S13 7	0	((microphone\$1) same (prefer\$3 adj1 direction\$1) same (three\$2 directional\$2))	US-PGPUB; USPAT	OR	ON	2007/02/27 17:18
S13 8	0	((microphone\$1) same (prefer\$3 adj1 direction\$1) same (three\$2 adj2 directional\$2))	US-PGPUB; USPAT	OR	ON	2007/02/27 17:20
S13 9	0	((microphone\$1) and(prefer\$3 adj1 direction\$1) same (three\$2 adj2 directional\$2))	US-PGPUB; USPAT	OR	ON	2007/02/27 17:18
S14 0	16312	((("3"\$1D) or (three adj2 dimension\$3)) and (microphone\$1)	US-PGPUB; USPAT	OR	ON	2007/02/27 17:19
S14 1	16312	S140	US-PGPUB; USPAT	OR	ON	2007/02/27 17:19
S14 2	0	((microphone\$1) same (prefer\$3 adj1 reception\$3) same (three\$2 adj2 directional\$2))	US-PGPUB; USPAT	OR	ON	2007/02/27 17:20
S14 3	3	((microphone\$1) same (reception\$3) same (three\$2 adj2 directional\$2))	US-PGPUB; USPAT	OR	ON	2007/02/27 17:20
S14 4	3	"6424721"	US-PGPUB; USPAT	OR	ON	2007/02/28 09:12
S14 5	1	"20040136541"	US-PGPUB; USPAT	OR	ON	2007/02/28 09:12
S14 6	26	(US-20020090098-\$ or US-20020071582-\$ or US-20020041696-\$ or US-20020037088-\$ or US-20020037087-\$ or US-20020012438-\$ or US-20020194005-\$ or US-20020076057-\$ or US-20010031053-\$ or US-20030053646-\$ or US-20020031234-\$ or US-20010028720-\$ or US-20030215106-\$ or US-20030147544-\$ or US-20020057815-\$ or US-20020164042-\$).did. or (US-6540662-\$ or US-7181033-\$ or US-7068796-\$ or US-6118877-\$ or US-6647345-\$ or US-6741714-\$ or US-6539096-\$ or US-5239588-\$ or US-7116788-\$ or US-6741707-\$). did.	US-PGPUB; USPAT	OR	ON	2007/03/02 16:12
S14 7	0	S146 and (BTE)	US-PGPUB; USPAT	OR	ON	2007/03/02 16:12

EAST Search History

S14 8	8	S146 and (Behind adj2 (ear\$3 or hear\$3))	US-PGPUB; USPAT	OR	ON	2007/03/03 09:08
S14 9	1	"20050129254"	US-PGPUB; USPAT	OR	ON	2007/03/03 09:08